



## COMMITTEE MEETING MINUTES

### 2018 Indiana Residential Code Committee

Indiana Government Center South  
302 W. Washington Street  
Indianapolis, Indiana 46204  
Conference Room 29

Wednesday, August 22, 2018

### CORRECTED AND APPROVED

1. The 2018 Indiana Residential Code Committee (Committee) meeting was called to order by Chairman Furnish at 9:05 a.m. on Wednesday, August 22, 2018.

(a) Committee Members present at the meeting were:

Mark Demerly  
Greg Furnish, Chairman  
Phil Gettum  
Randy Gulley  
Joe Heinsman  
Bill Kaufholz  
Hank Kidwell (arrived at 9:09 a.m.)  
Lynn Madden  
Michael Popich  
Braden Prochnow (arrived at 9:07 a.m.)  
Craig Wagner

(b) Committee Members not present at the meeting:

(c) Departmental Staff present at the meeting:

Doug Boyle, FPBSC Director & IRCC Committee Secretary  
Justin Guedel, Staff Attorney, IDHS  
Craig Burgess, Indiana State Building Commissioner, IDHS

2. Roll Call/Attendance

Chairman Furnish conducted roll call, and noted that nine voting members were present. Braden Prochnow and Hank Kidwell arrived a few minutes after the meeting started. As such, all voting members of the Committee were present, and the Committee achieved a full quorum. Attendance was also taken by an attendance sheet. Chairman Furnish also asked the guests in attendance to sign the attendance sheet.

### 3. Committee Action on Meeting Minutes from Wednesday, July 18, 2018

Chairman Furnish asked the Committee to carefully review the meeting minutes from the Committee's Wednesday, July 18, 2018 meeting, and then called for any additions or amendments to the minutes. Hearing no additions or amendments, a motion was made to approve the minutes with no additions or amendments, followed by a second. It was voted upon and carried.

### 4. Review of Proposals for Code Change for Chapters 13-18 of the 2018 IRC

#### 169. Section M1301.2 Identification. [Phil Gettum]

- Proposed Amendment(s): Proposed code change to provision is to "change to read as follows," not "delete without substitution." Add the word "uncut" between the words "each" and "length" at the beginning of the proposal.
- Fiscal impact is neutral.
- Motion to approve; seconded.
- **APPROVED AS AMENDED.**

#### 170. Section M1302.1 Listed and Labeled. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

#### 171. Section M1305.1 Appliance access for inspection service, repair and replacement. [Phil Gettum]

- Proposed Amendment(s): Proposed code change to provision is to "change to read as follows." Only strike the words "other appliances" from proposed code change, and do not strike "or any other piping or ducts not connected to the *appliance* being inspected, serviced, repaired or replaced.
- Fiscal impact is neutral.
- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

#### 172. Section M1305.1.3.1 Ground clearance. [Hank Kidwell]

- Proposed Amendment(s): Change addition in proposed code change from "not less than 1.5 inches above the finished grade" to "not less than 2 inches above the finished grade."
- Fiscal Impact: Approximately \$380,000.00 in savings.

- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

173. Section M1305.1.3.2 Pit locations. [Hank Kidwell]

- **WITHDRAWN.**

174. Section M1307.3.1 Protection from impact. [Phil Gettum]

- Motion to table; seconded.
- **TABLED.**

175. Section M1411.3.1 Auxiliary and secondary drain systems. [Hank Kidwell]

- Proposed Amendment(s): As opposed to creating an exception to Item 4 in Section M1411.3.1, add Item 5 to read as follows: "When installed on a water-resistant floor **sloped to** a floor drain in the same room or space."
- Fiscal impact is neutral.
- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

176. Section M1411.5 Auxiliary drain pan. [Hank Kidwell]

- Motion to deny; seconded.
- **DENIED BY HAND VOTE (7 VOTES TO 4 VOTES IN FAVOR OF MOTION).**

177. Section M1502.4.2 Duct installation. [Bill Kaufholz]

- Motion to deny; seconded.
- **DENIED BY HAND VOTE (6 VOTES TO 5 VOTES IN FAVOR OF MOTION).**

178. Section M1502.4.2 Duct installation. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

179. Section M1601.1.2 Underground duct systems. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

180. Section M1601.4.5 Fireblocking. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

181. Section M1602.2 Return air openings. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

182. Section M1801.9 Fireblocking. [Craig Wagner]

- Motion to approve; seconded.

- **APPROVED AS SUBMITTED.**

5. Review of Proposals for Code Change for Chapters 1-12 of the 2018 IRC

183. Section R202 Definitions – SILL PLATE. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

184. Section R202 Definitions – SOLE PLATE. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

185. Table R402.2 Minimum Specified Comprehensive Strength of Concrete. [Christopher R. Tull]

- Motion to deny; seconded
- **DENIED.**

186. Section R403.1.6 Foundation anchorage. [Craig Wagner]

- Proposed Amendment(s): In proposed code change to R403.1.6, in which it reads “Wood sole plates and sill plates supported directly on concrete slab, and concrete and masonry wall foundations...,” strike the word “foundations,” make the word “wall” plural to “walls,” and add a comma (,) after the word “walls.” In proposed code change to R403.1.6.2, in which it reads “Anchor bolts spaced maximum of 6 feet (1829mm) on center shall fasten wood sole plates of exterior wall premanufactured panelized wall sections, site built wall panel sections...,” add the letter “s” to the word “wall” to make “exterior wall” plural, and strike “premanufactured panelized wall sections, site built wall panel sections.”
- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

187. Section R602.10 Wall bracing. [Matthew Brown]

- Proposed Amendment(s): Proposed code change to provision is to “add to read as follows,” not “change to read as follows.” In the added exception, add “V5” to the end of “APA Simplified Wall Bracing Method, SR-102” (fifth version of the referenced model code).
- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

188. Section R905.1.2 Ice barriers. [John Cochran]

- Motion to table; seconded.
- **TABLED.**

189. Tables N 1102.1.2 and N1102.1.4 Insulation and Fenestration Requirements by Component and Equivalent U-Factors. [Eric Lacey and Ian Blanding]

- **NOT OPENED FOR DISCUSSION – FAILED TO ACQUIRE 2/3 VOTES BY COMMITTEE TO BE RE-OPENED FOR DISCUSSION.**

190. Tables N 1102.1.2 and N1102.1.4 Insulation and Fenestration Requirements by Component and Equivalent U-Factors. [Eric Lacey and Ian Blanding]

- **NOT OPENED FOR DISCUSSION – FAILED TO ACQUIRE 2/3 VOTES BY COMMITTEE TO BE RE-OPENED FOR DISCUSSION.**

191. Tables N 1102.1.2 and N1102.1.4 Insulation and Fenestration Requirements by Component and Equivalent U-Factors. [Eric Lacey and Ian Blanding]

- **NOT OPENED FOR DISCUSSION – FAILED TO ACQUIRE 2/3 VOTES BY COMMITTEE TO BE RE-OPENED FOR DISCUSSION.**

192. Table N1102.1.2 Insulation and Fenestration Requirements by Component Footnote “f”. [Eric Lacey and Ian Blanding]

Motion to approve; seconded.

- **NOT OPENED FOR DISCUSSION – FAILED TO ACQUIRE 2/3 VOTES BY COMMITTEE TO BE RE-OPENED FOR DISCUSSION.**

**\*Additional Note:** Regarding Proposals #189 - #192, at its Wednesday, July 18, 2018 meeting, the Committee approved a proposal for code change to Table N1102.1.2 (Proposal #151). Since Proposals #189 - #192 all propose separate changes to Table N1102.1.2, Chairman Furnish advised that Proposals #189 - #192 would require two-thirds (2/3) vote (8 voting members) by the Committee in favor of re-opening to be re-opened for discussion and voted on by the Committee. Chairman Furnish also advised that any proponents present would be afforded the opportunity to speak in support of the Proposals #189 - #192, and advise the Committee as to why Proposals #189 - #192 should be re-opened for discussion. Mathew W. Norris with Krieg DeVault LLP (on behalf of David Mann with the American Chemistry Council), Ian Blanding with Midwest Energy Efficiency Alliance (MEEA), Monica Cannaley with the Sierra Club Hoosier Chapter, and Nicole Westfall with the Midwest Energy Efficiency Alliance (MEEA) all briefly spoke in support of Proposals #189 - #192. After further discussion between the proponents and the Committee, Chairman Furnish called for separate hand votes on each proposal to re-open each proposal for discussion. All four proposals (Proposals #189 - #192) failed to acquire enough votes to be re-opened for discussion.

193. Table N1102.1.4 Equivalent U-Factors<sup>a</sup>. [Craig Wagner]

- Proposed Amendment(s): Amend typographical error in the title of the table from “Table N1102.1.2” to “Table N1102.1.4.” Add superscript “b” to the end of “MASS WALL U-FACTOR” in the first row of the table.
- Motion to approve as amended; seconded.
- **APPROVED AS AMENDED.**

194. Table N1102.2.6 Steel-Frame Ceiling, Wall and Floor Insulation R-Values. [Craig Wagner]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

195. Section N1102.4.1.2 Testing. [Indiana Builders Association]

- Motion to table; seconded.
- **TABLED.**

196. Section N1103.3.3 Duct testing (Mandatory). [Indiana Builders Association]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

197. Section N1103.3.4 Duct leakage (Prescriptive). [Indiana Builders Association]

- Motion to approve; seconded.
- **APPROVED AS SUBMITTED.**

6. Break

The Committee recessed for short break at 10:08 a.m., and reconvened at 10:21 a.m.

7. Plan Forward/Further Committee Discussion on the 2018 IRC/Next Meeting

Chairman Furnish advised the Committee that next month's meeting will be on Wednesday, September 19, 2018. Chairman Furnish also advised that he wanted the Committee to stay a little longer to see if it would be worthwhile to simply review and discuss the upcoming chapters of the 2018 IRC as a group in order to get a head start on next month's meeting. Chairman Furnish reiterated that no formal votes or actions would be taken on the upcoming chapters (Chapters 19-24) until the next meeting. If the discussion wasn't very productive, Chairman Furnish would adjourn the meeting.

Mark Demerly asked Chairman Furnish if it would be possible to modify the Committee's schedule to include more chapters than the currently proposed schedule. Chairman Furnish advised that such a change would be possible since the Committee wasn't under any time constraints to provide public notice, and the Committee still has four meetings scheduled through the end of the year. Committee Secretary Doug Boyle advised that he would be amenable to such a change, since the Fire Prevention and Building Safety Commission is required to provide a report to the Indiana General Assembly by January 1, 2019 regarding the progress of its work to update the Indiana Residential Code.

After brief discussion and debate regarding how many additional chapters the Committee should include for the September 19, 2018 meeting, the Committee decided to amend the agenda for the September 19, 2018 meeting to include Chapters 25-29, in addition to Chapters 19-24. As such, the Committee will review proposals for code change to Chapters

19-29 at the September 19, 2018 meeting. The scope of the agendas for the October 17, 2018 and November 20, 2018 meetings will be determined at a later date, based on the Committee's progress at its next meeting. After very brief general discussion on the upcoming chapters, Chairman Furnish decided to adjourn the meeting.

#### 8. Adjournment

Chairman Furnish adjourned the meeting at 12:35 p.m.